

ABSTRACT

An apparatus for bursting pipe is preferably adapted to receive energy from a drill string. The apparatus has a plurality of spherical pipe-bursting members driven by movement of the drill string to burst an *in situ* pipe. In a preferred embodiment a single-member drill string is used to drive operation of a plurality of spherical pipe-bursting members disposed about a frame of the apparatus. In other preferred embodiments, rotation of the inner member of a dual-member drill string is used to drive operation of the spherical pipe-bursting members. Spherical pipe-bursting members increase the efficiency of pipe-bursting operations by utilizing rotational energy generated by the movement of the members.